AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

Listing of Claims

1. (Currently Amended)   A method for navigating in three-dimensional electronic image data records, the image data records including three-dimensional partial image data records, the method comprising:

optically displaying at least two mutually perpendicular two-dimensional projections of an image data record, at least one of the two projections including at least one two-dimensional partial projection of at least one partial image data record;

optically emphasizing the at least one two-dimensional partial projection;

functionalizing the at least one optically emphasized partial projection such that the at least one optically emphasized partial projection is selectable by a user input;

receiving a user input directed toward the selection of the at least one functionalized partial projection functionalized in such a way; and

automatically displacing, as a function of the user input, the at least one projection not including the at least one partial projection in such a way that it includes the partial projection after displacement.

2. (Previously Presented)   The method as claimed in claim 1, wherein the image data record is formed by fusing at least two source image data records.

3. (Previously Presented)   The method as claimed in claim 2, wherein all the partial image data records are formed from the same source image data record.

4. (Previously Presented)   The method as claimed in claim 2, wherein the source image data records includes a source image data record obtained from a computed tomography method, and a source image data record obtained from a positron emission tomography method.

5. (Currently Amended)   A computer readable medium storing a computer program that facilitates at least one of executing and installing the method as claimed in claim 1 on a computer.

6. (Previously Presented)   The method as claimed in claim 3, wherein the source image data records includes a source image.

7. (Currently Amended)   A computer readable medium storing a computer program that facilitates at least one of executing and installing the method as claimed in claim 2 on a computer.

8. (Currently Amended)   A computer readable medium storing a computer program that facilitates at least one of executing and installing the method as claimed in claim 3 on a computer.

9. (Currently Amended)   A computer readable medium storing a computer program that facilitates at least one of executing and installing the method as claimed in claim 4 on a computer.

10. (Currently Amended)   A computer readable medium storing a computer program that facilitates at least one of executing and installing the method as claimed in claim 6 on a computer.

11. (Previously Presented)   A computer readable medium including program segments for, when executed on a computer, causing the computer to implement the method of claim 1.

12. (Previously Presented)   A computer readable medium including program segments for, when executed on a computer, causing the computer to implement the method of claim 2.

13. (Previously Presented)   A computer readable medium including program segments for, when executed on a computer, causing the computer to implement the method of claim 3.

14. (Previously Presented)   A computer readable medium including program segments for, when executed on a computer, causing the computer to implement the method of claim 4.

15. (Previously Presented)   A computer readable medium including program segments for, when executed on a computer, causing the computer to implement the method of claim 6.

16. (Currently Amended)   An apparatus for navigating in three-dimensional electronic image data records, the image data records including three-dimensional partial image data records, the apparatus comprising:

means for optically displaying at least two mutually perpendicular two-dimensional projections of an image data record, at least one of the two projections including at least one two-dimensional partial projection of at least one partial image data record;

means for optically emphasizing the at least one two-dimensional partial projection;

means for functionalizing the at least one optically emphasized partial projection such that the at least one optically emphasized partial projection is selectable by a user input;

means for receiving a user input directed toward the selection of the at least one functionalized partial projection ~~functionalized in such a way~~; and

means for automatically displacing, as a function of the user input, the at least one projection not including the at least one partial projection in such a way that it includes the partial projection after displacement.

17. (Previously Presented)   The apparatus as claimed in claim 16, wherein the image data record is formed by fusing at least two source image data records.

18. (Previously Presented)   The apparatus as claimed in claim 17, wherein all the partial image data records are formed from the same source image data record.

19. (Previously Presented)   The apparatus as claimed in claim 17, wherein the source image data records includes a source image data record obtained from a computed

tomography method, and a source image data record obtained from a positron

emission tomography method.